

**METHOD AND APPARATUS FOR ESTABLISHING
DIRECT MOBILE TO MOBILE COMMUNICATION
BETWEEN CELLULAR MOBILE TERMINALS**

The present invention provides a method for establishing direct mobile to
5 mobile communication between cellular mobile terminals. The method includes
selecting a frequency designated as a mobile communication frequency within a
cellular communication system, and transmitting a communication initiation sequence
at the selected frequency by a first mobile terminal. A second mobile terminal then
monitors the designated mobile communication frequencies, and detects the
10 communication initiation sequence. In at least one embodiment, selecting a frequency
includes determining the region in which the first mobile terminal is operating, and
selecting a mobile communication frequency for the determined region. In at least a
further embodiment, the mobile communication frequency is a mobile transmission
frequency for the determined region. In at least a still further embodiment, selecting a
15 frequency includes selecting a frequency that is designated as a mobile transmit
frequency in a first supported region and is designated as a mobile receive frequency
in a second supported region.